

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

RECORD OF WELL

P391 P391

Carmel 15' quad
15Y-7.8S-2.9E

Locate well on plat of section.

1. Location: State N.Y. County Putnam
Nearest P. O. _____ Direction from P. O. _____
Distance from P. O. _____ miles; $\frac{1}{4}$ sec. _____, T. _____, R. _____
If in city, give street and number Town of Carmel

2. Owner: Mr. Adolph Fyhs Address Brewville Road Carmel, N.Y.
Driller: P. F. Beal & Sons Address Brewster, N.Y.
or res. w. Booth

3. Situation: Is well on upland, in valley, or on hillside? hillside

4. Elevation of top of well: 400 ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)

5. Type of well: drilled; kind of drilling rig used core drill
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)

6. Depth of well: 187.5 ft.; year in which well was finished Nov. 28, 1942
Does well enter rock? yes; if so, at what depth? 75 ft.; kind of rock granite

7. Diameter: At top 6" inches; at bottom 5" inches.

8. Principal water bed: granite - white - hard - average speed 6'-9' day
Depth to principal water bed 100 ft.; thickness of bed _____ ft. lots of mica
(Gravel, sand, clay, or rock. If rock, state kind)

If other water supplies were found, give depth to each _____

9. Casings: Kind steel; size 6"; length 56 ft.; between depths of 0 and 56 ft.

Kind steel; size 5"; length 30 ft.; between depths of 46 and 76 ft.

Kind 10' lap; size _____; length (cemented) ft.; between depths of _____ and _____ ft.

Packers (if any): Depth at which packers were used none; kind _____

Screen or Strainer: Was well finished with screen? no; kind of screen _____;
length of screen _____ ft.; diameter _____ inches; size of openings _____

10. Head: Does well at present overflow without pumping? no; did it overflow when new? no;
if flowing, give pressure _____ lb. per sq. inch; or height water will rise in a pipe _____ ft. above surface;
original pressure or head _____; if not flowing, give water level in well 12 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump DW (supplied by Beal);
size or capacity of pump _____; kind of power electric

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
well has been pumped at 1 1/2 gallons per minute continuously for 6-7 hours;
quantity of water ordinarily obtained from well _____ gallons per day.

13. Use: For what purpose is the water used? 3 houses - 3 families

14. Quality of the water: Hard; is there an analysis? _____
(Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: _____ Temperature of water _____ ° F.

Name of person filling blank DeBrossma from owner's wife

Date 3-28-50 Address Beal's records (5-5-50)

Bue Booth's — LOG OF WELL (from memory)

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Soil & clay	0	14	14	no water
Yellow, slippery hardpan	14	75	61	Caving - had water
Whitest granite with light-colored mica.	75	187	112	Water at about 100 ft. No other water
Average speed 6'-7' day.				
All water coming from 100 ft. (approx)				
Test pump for 6-7 hrs at 185 ft. at $1\frac{1}{2}$ GPM.				

185
+ 12
173